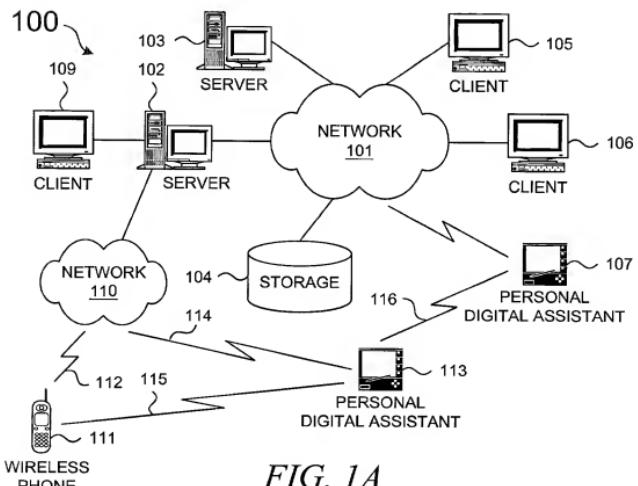
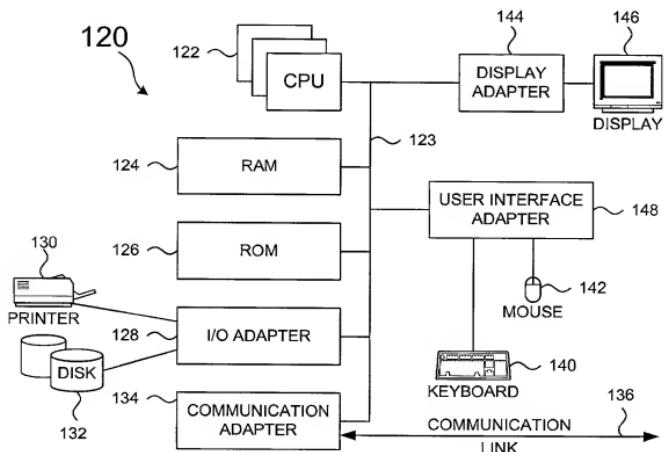


Method and system for caching fragments  
while avoiding parsing of pages that do not contain fragments

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**FIG. 1A**  
(PRIOR ART)



**FIG. 1B**  
(PRIOR ART)

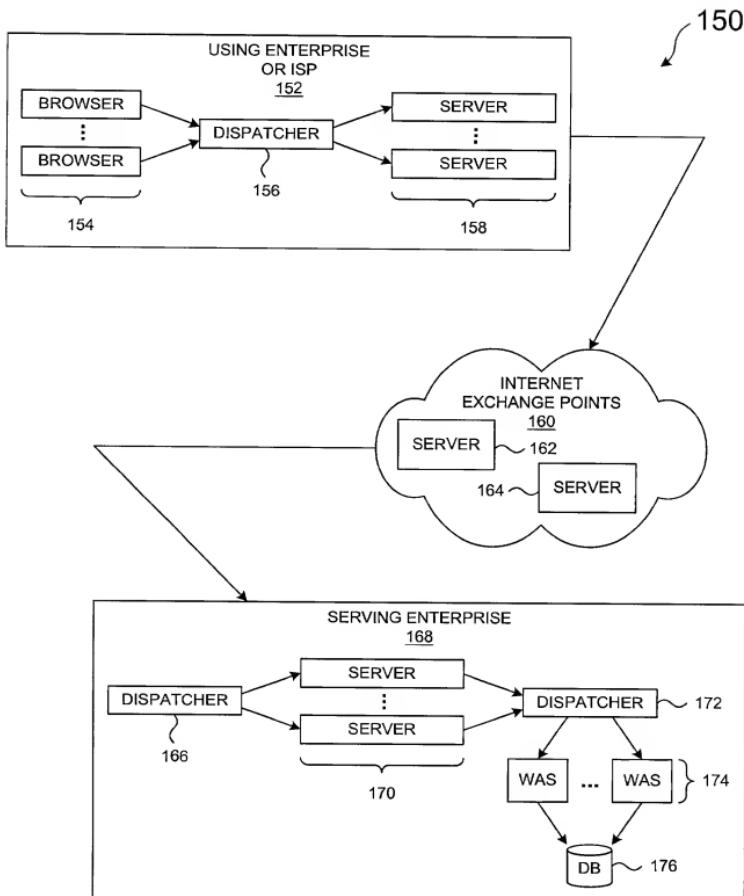


FIG. 1C  
(PRIOR ART)

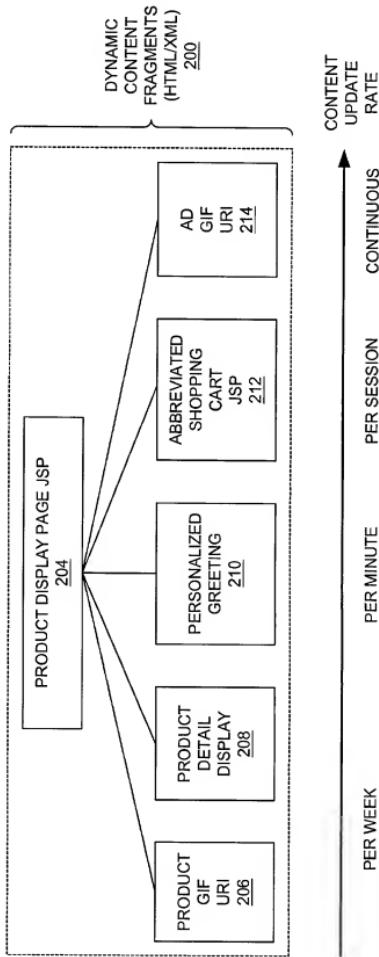


FIG. 2

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```
<!ELEMENT FRAGMENTLINK - O EMPTY -- fragment directive -->
<!ATTLIST FRAGMENTLINK
src      %URL      #REQUIRED -- primary URL of the fragment
alt      %URL      #IMPLIED  -- alternate URL of the fragment
parms   %parmlist #IMPLIED  -- query parms applied to src
foreach %string  #IMPLIED  -- name of cookie used for
                           -- foreach processing
showlink no|comment|CDATA #IMPLIED
                           -- whether this fragmentlink tag should be included as a
                           -- comment in the assembled page
id      ID         #IMPLIED  -- unique name of this element
class   CDATA     #IMPLIED  -- class name of this element
>

<!ENTITY % parmlist "CDATA"
-- Space delimited list of form element names
-->
```

*Start tag: required; End tag: forbidden.*

*FIG. 3*

```
Fragment = "Fragment" ":" 1#fragment-directive

fragment-directive . = fragment-request-directive
                      | fragment-response-directive

fragment-response-directive = "contains-fragments"
                             | "dependencies" "=" quoted-list
                             | "cacheid" "=" rulelist

fragment-request-directive = "supports-fragments"

quoted-list = <"> 1#string <">

rulelist = <"> 1#cacherule <">

cacherule = "(" parmrule [",," cookierule] ")" | "URL"

parmrule = 1#parmname
parmname = string | "[" string "]"

cookierule = 1#cookiename
cookiename = string | "[" string "]"
```

*FIG. 4*

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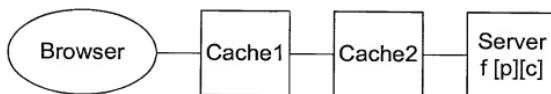


FIG. 5A

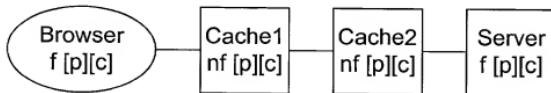


FIG. 5B

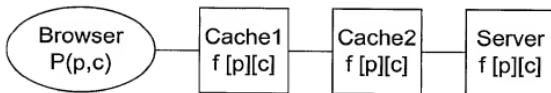


FIG. 5C

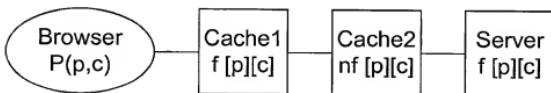


FIG. 5D

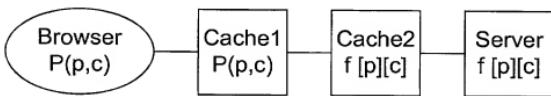


FIG. 5E

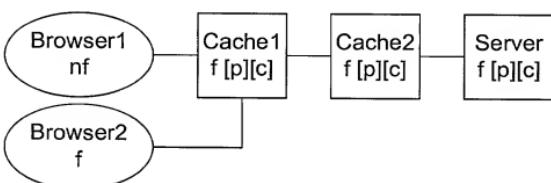


FIG. 5F

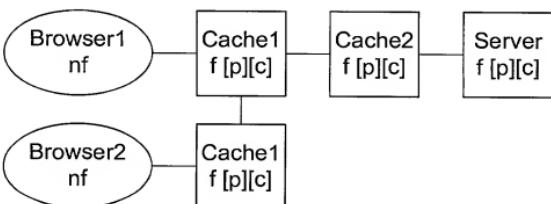
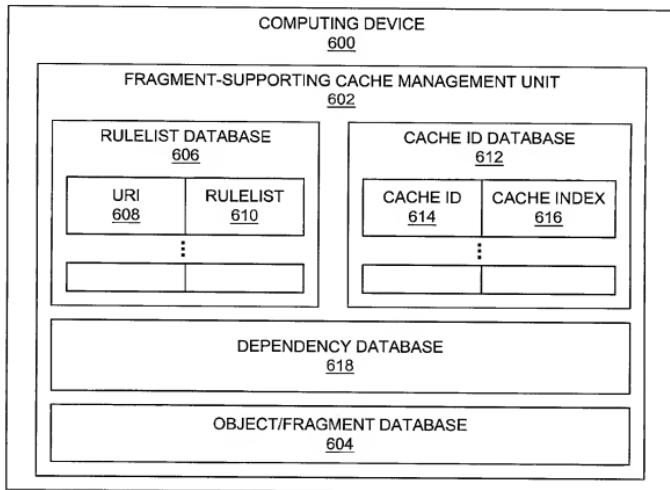


FIG. 5G



*FIG. 6A*

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TOP SECRET - DISCUSSION

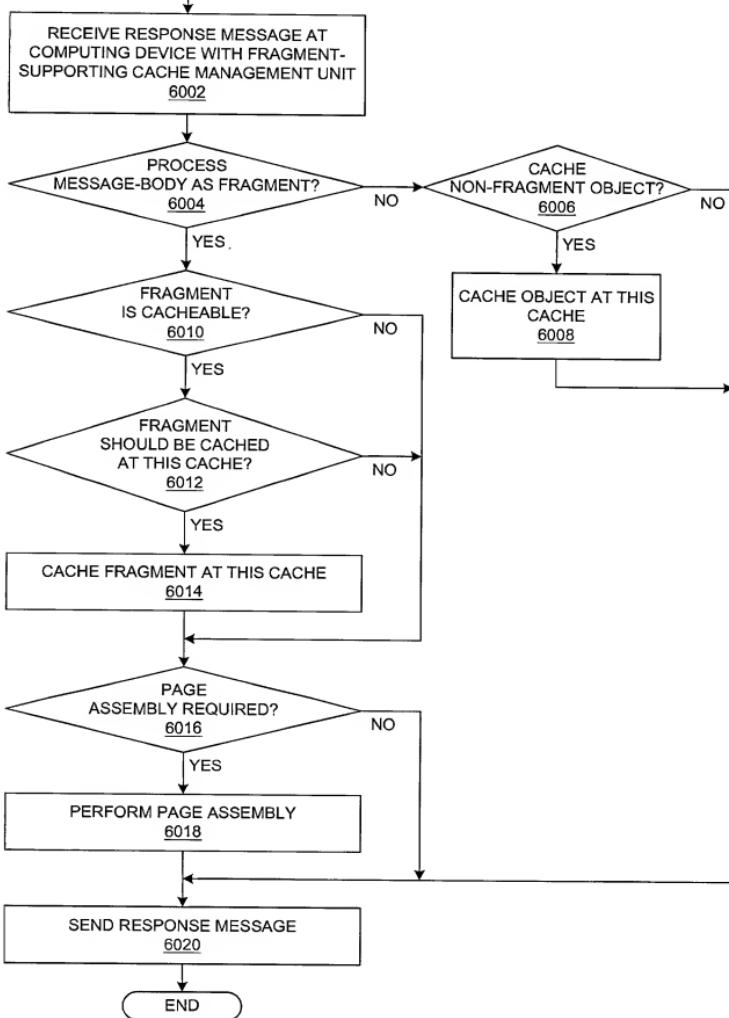


FIG. 6B

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FIG. 6C

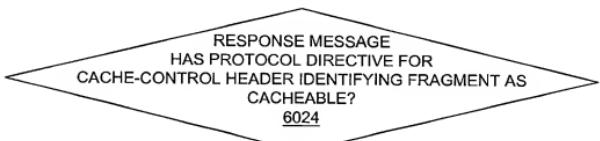


FIG. 6D

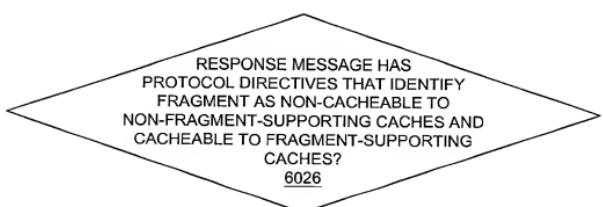


FIG. 6E

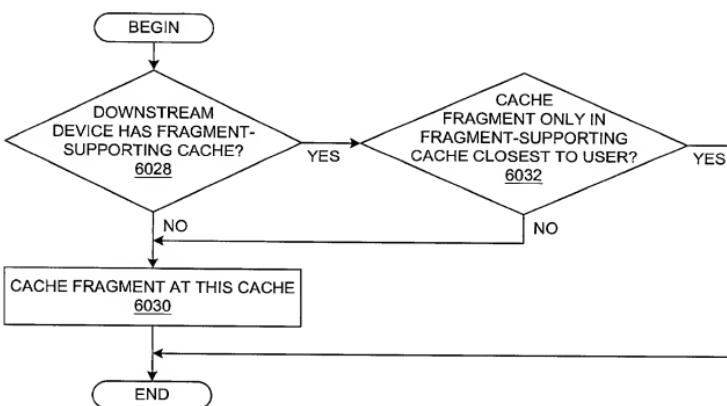


FIG. 6F

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FIG. 6G

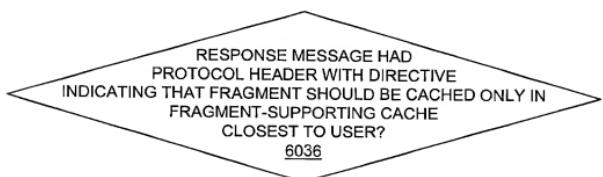


FIG. 6H



FIG. 6I

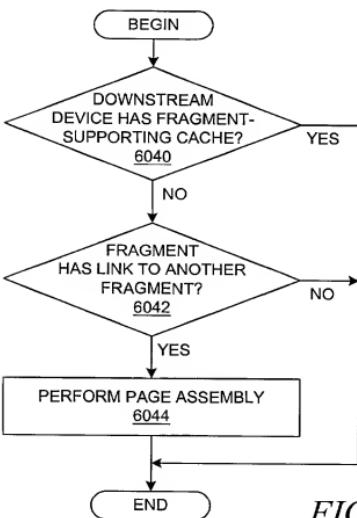


FIG. 6J

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FIG. 6K



FIG. 6L



FIG. 6O

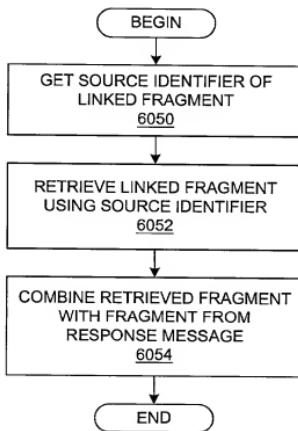


FIG. 6M

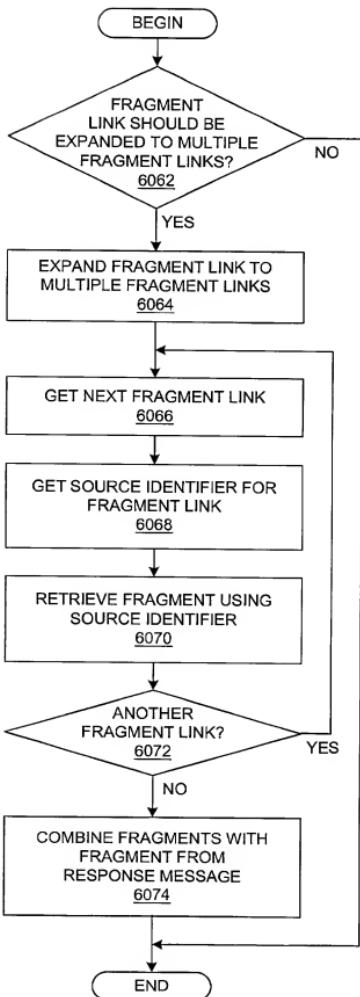


FIG. 6N

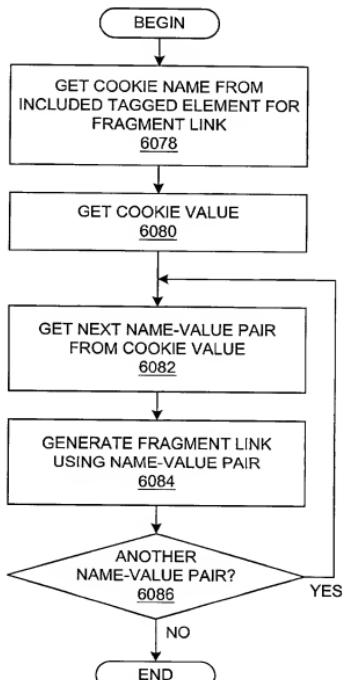


FIG. 6P

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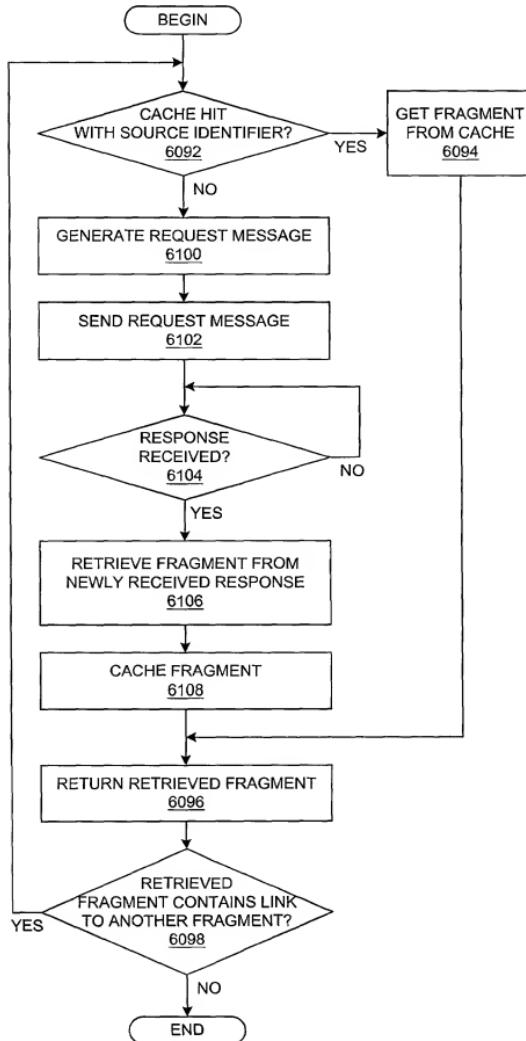


FIG. 6Q

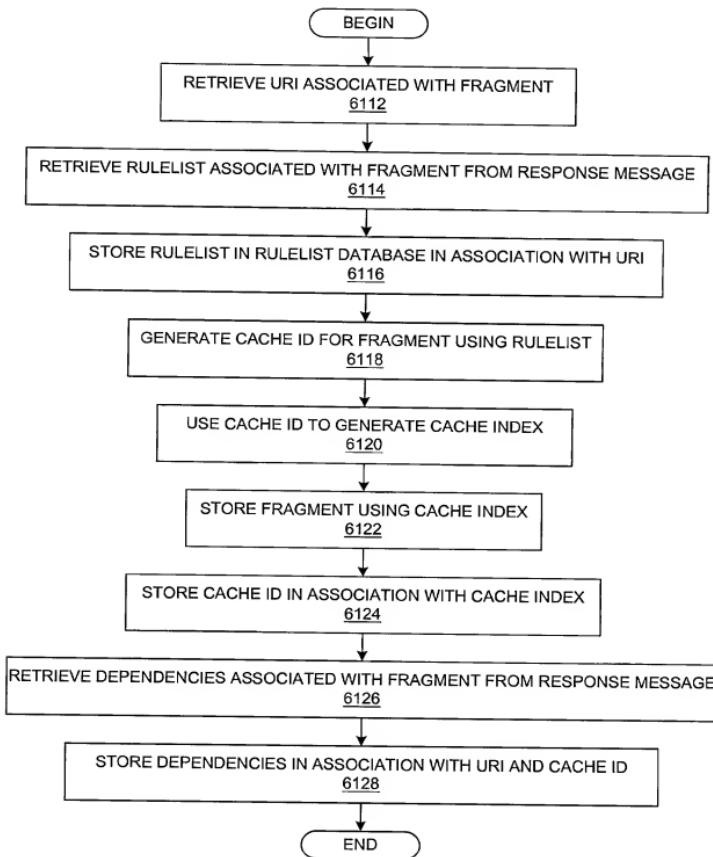


FIG. 6R

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TOP SECRET//SI//FOUO

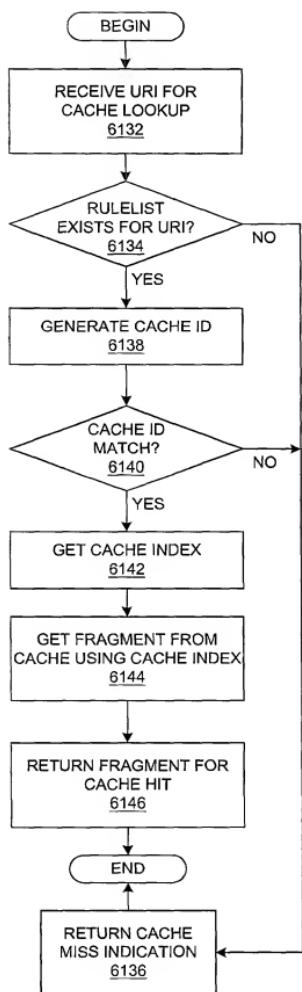


FIG. 6S

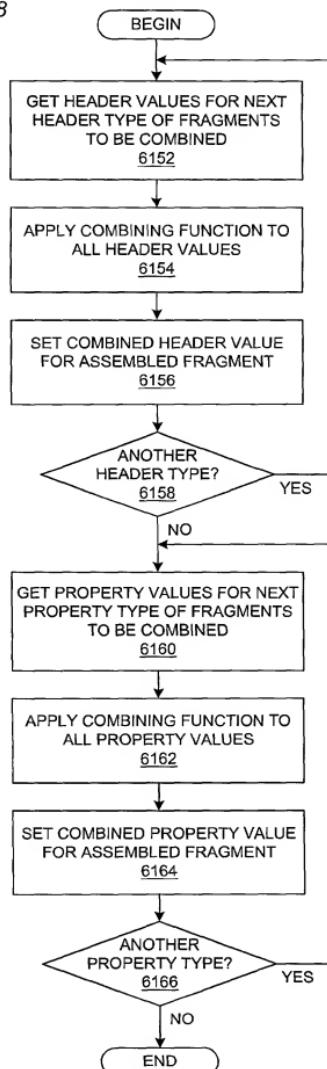


FIG. 6T

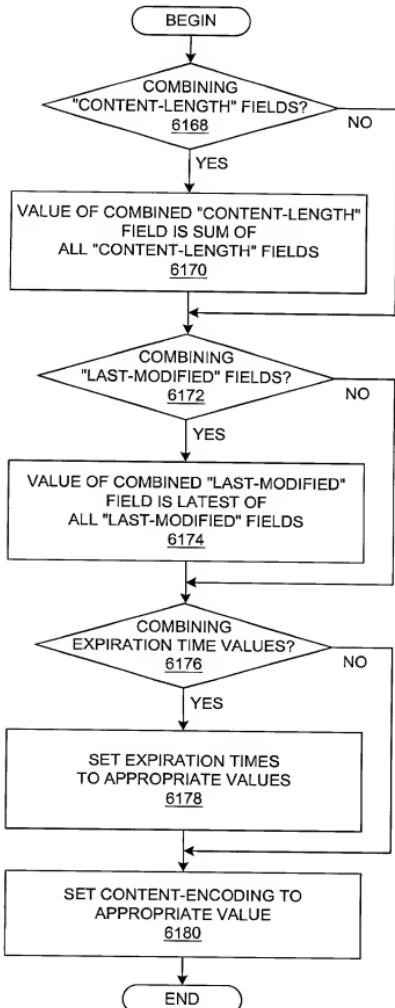


FIG. 6U

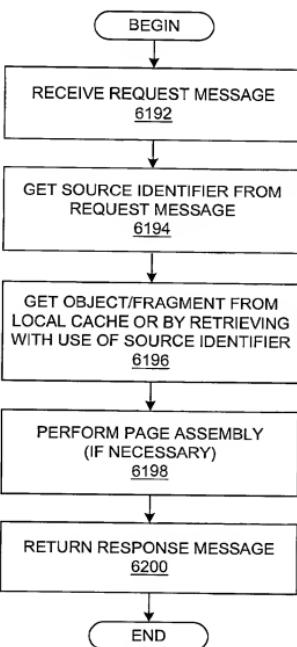


FIG. 6V

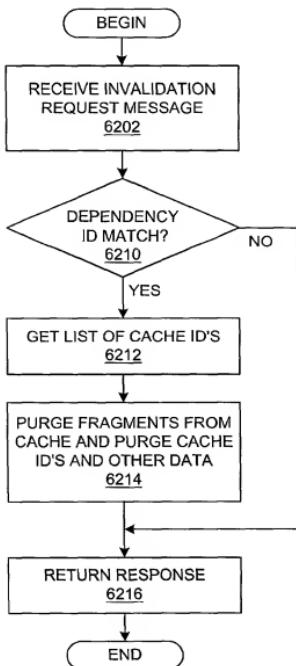


FIG. 6W

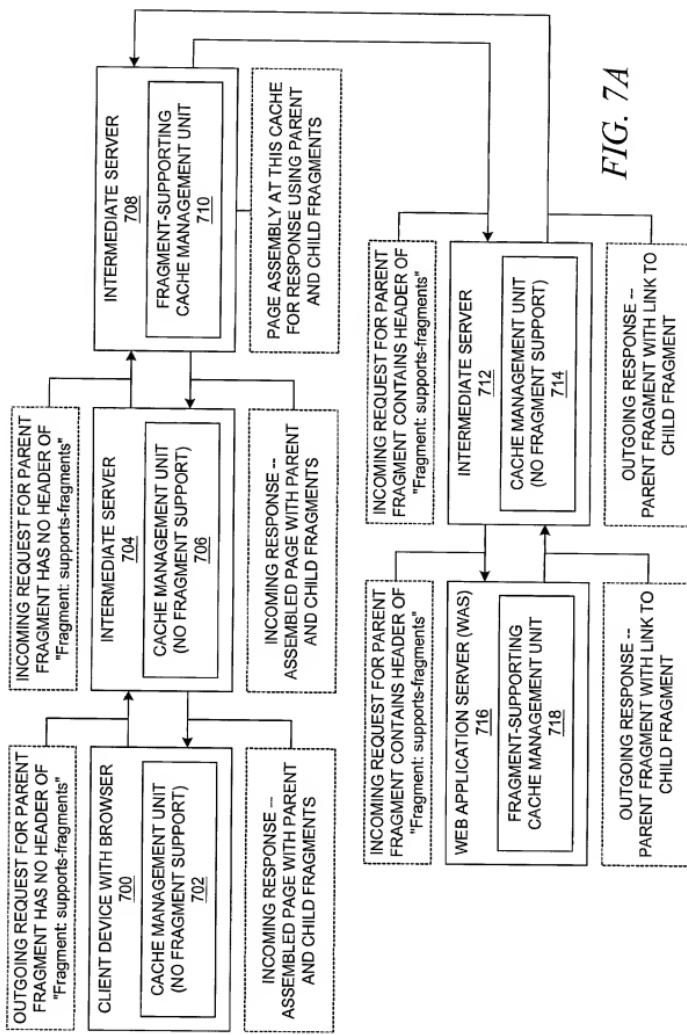


FIG. 7A

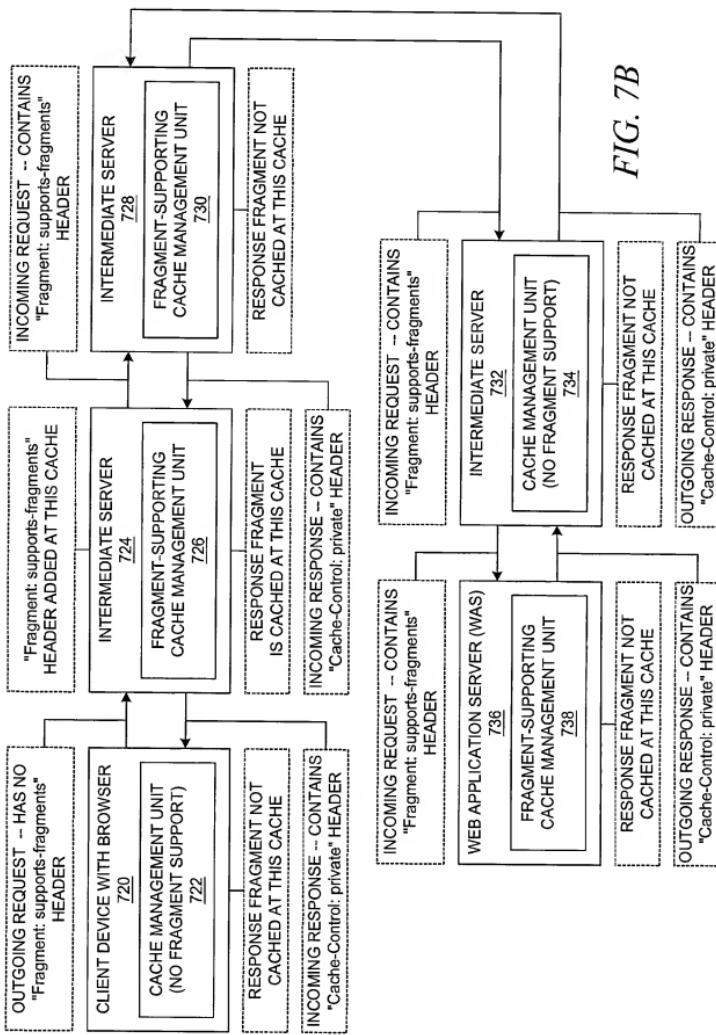


FIG. 7B

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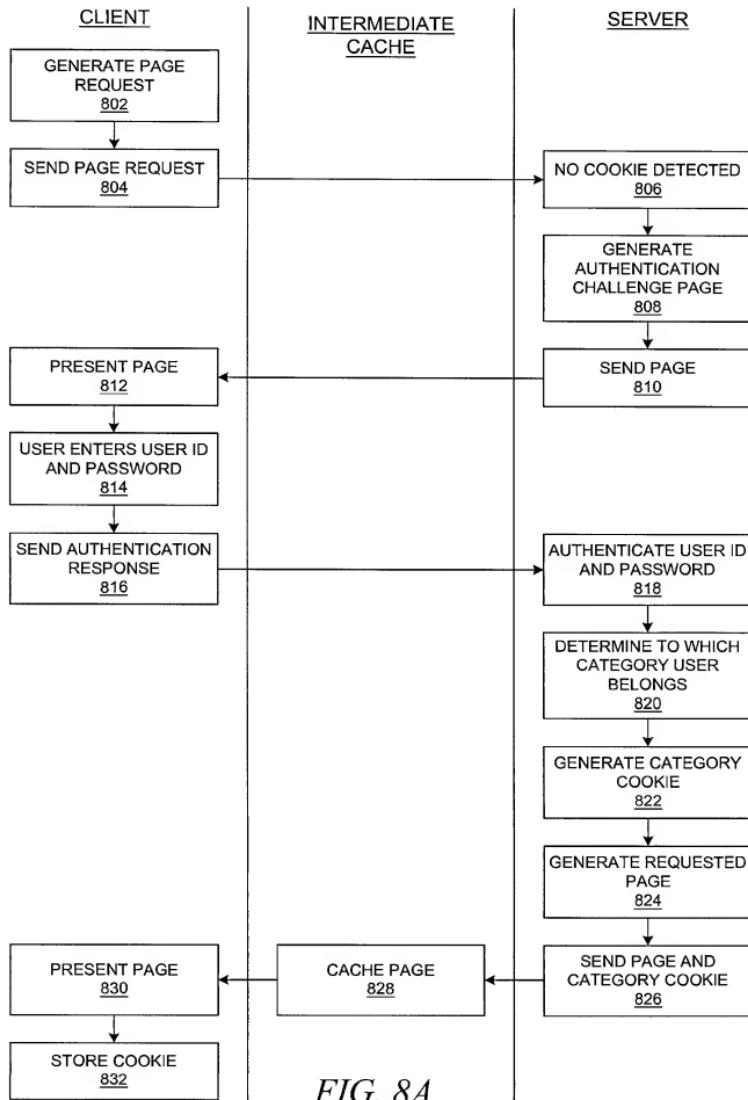


FIG. 8A

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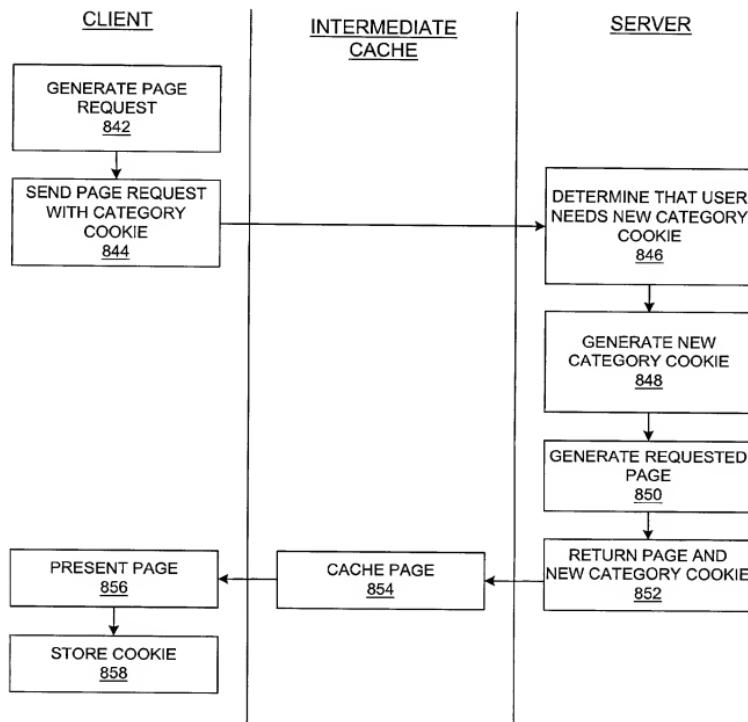


FIG. 8B

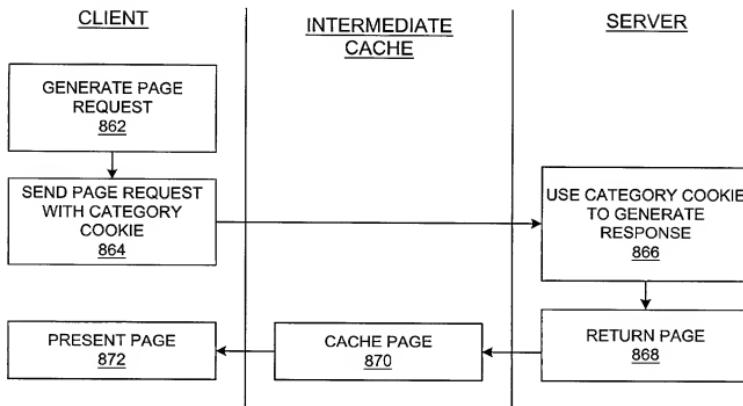


FIG. 8C

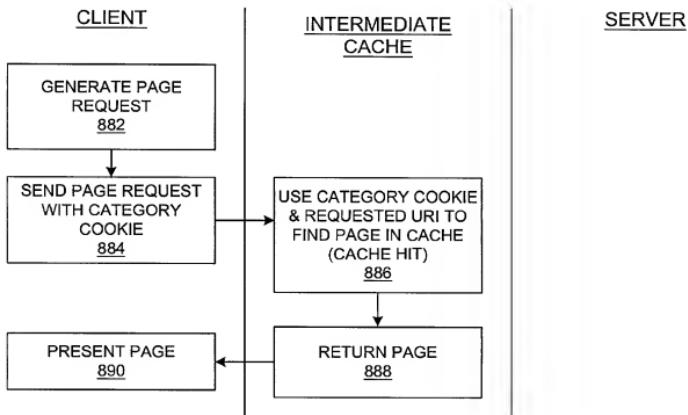


FIG. 8D

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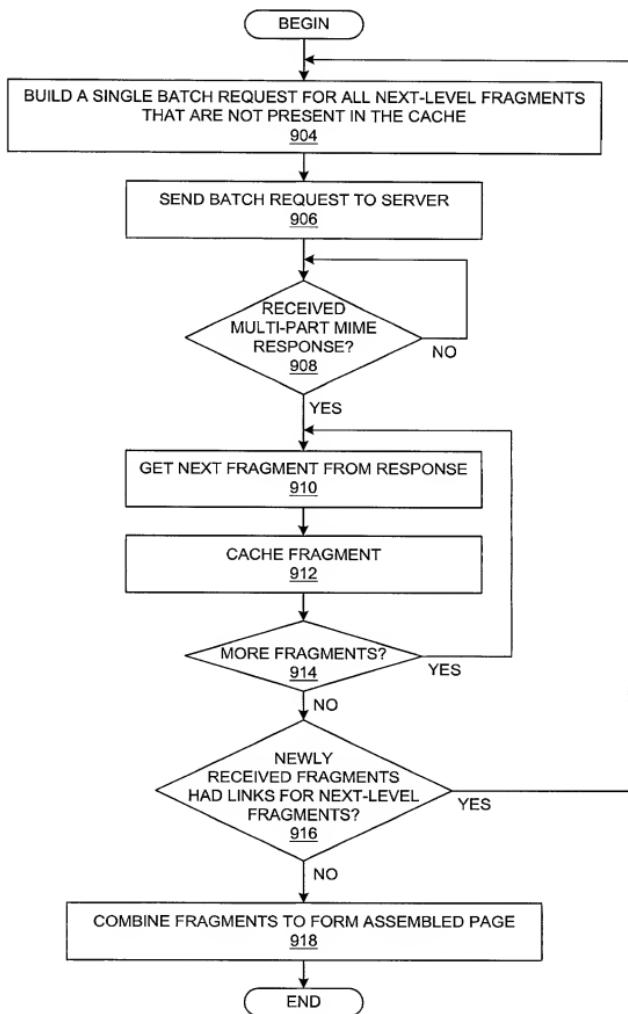


FIG. 9A

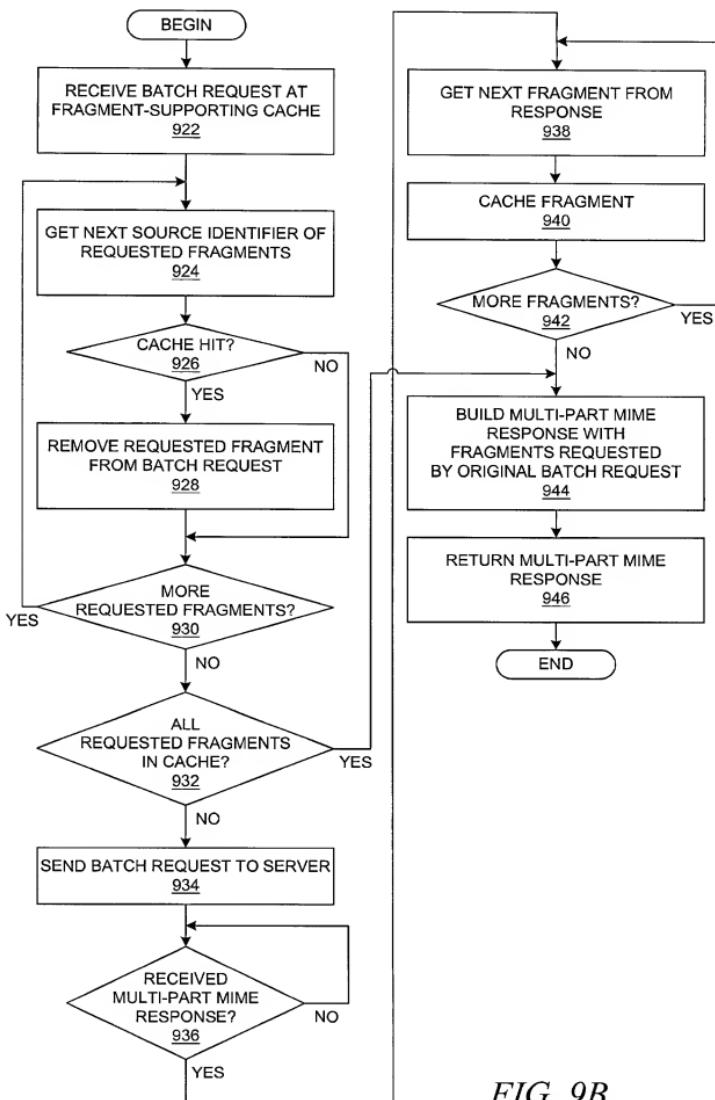


FIG. 9B

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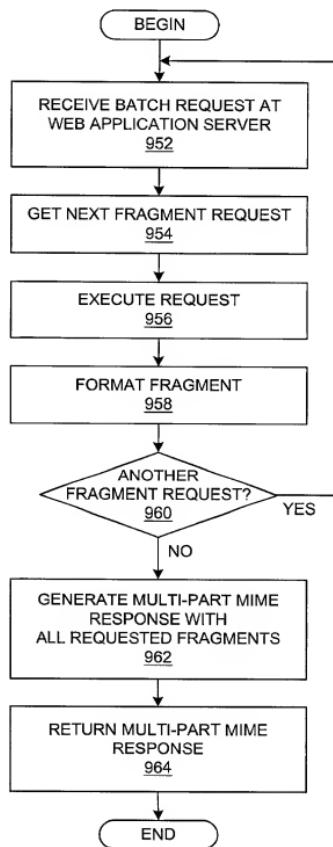


FIG. 9C

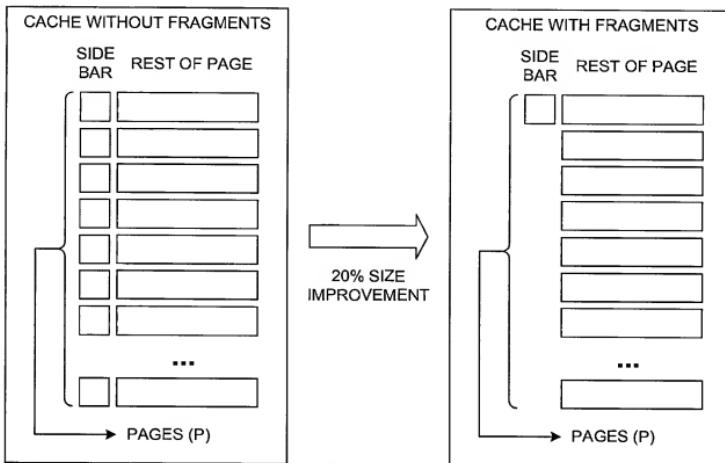


FIG. 10A

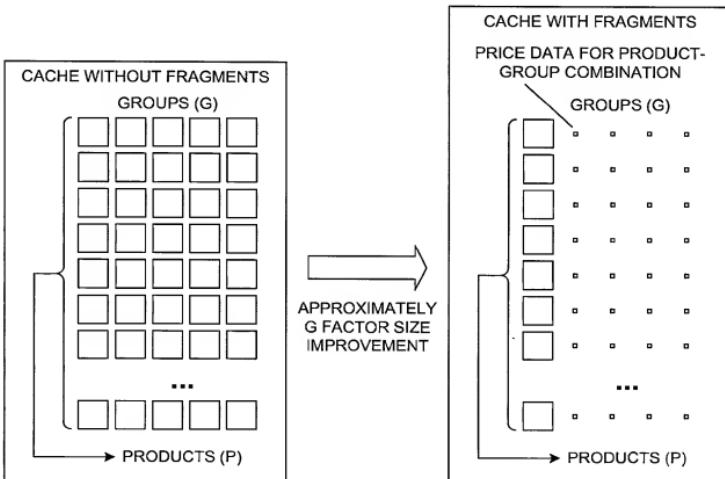


FIG. 10B

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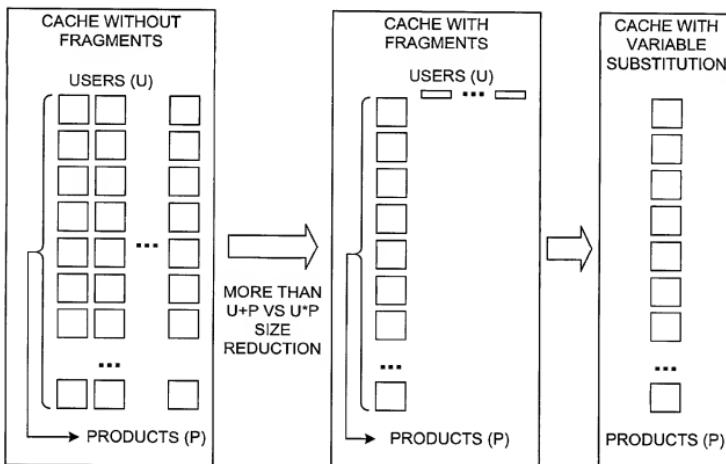


FIG. 10C

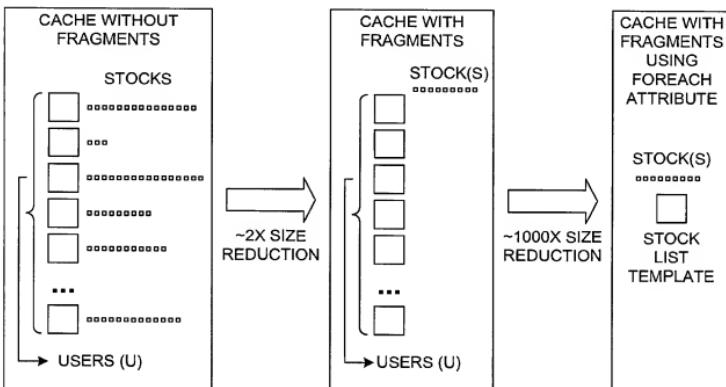


FIG. 10D

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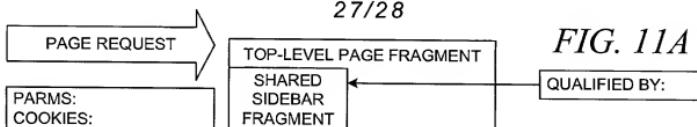


FIG. 11A



FIG. 11B

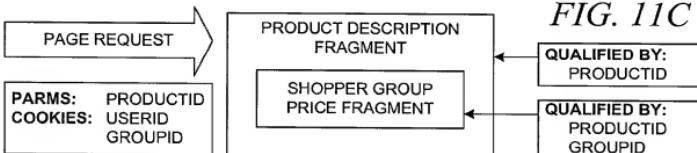


FIG. 11C

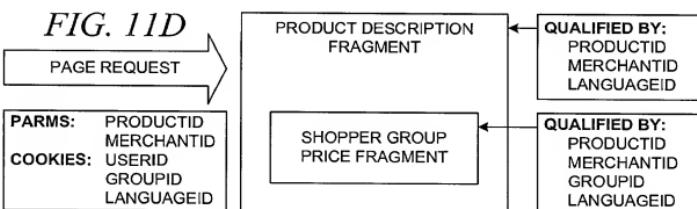


FIG. 11D

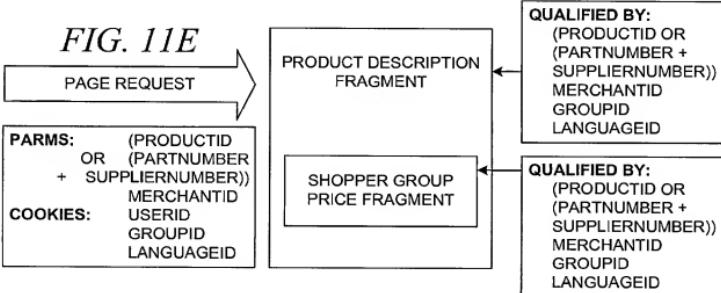


FIG. 11E

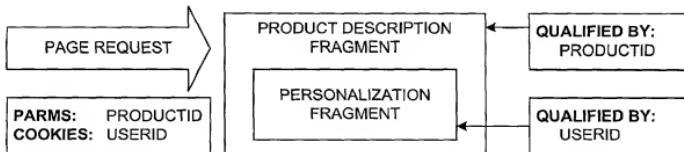


FIG. 11F

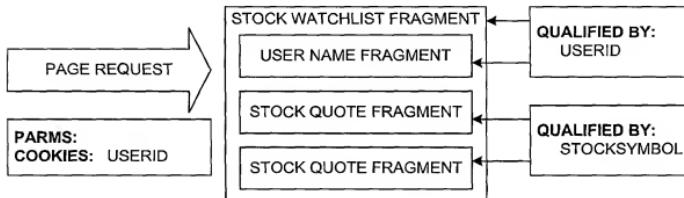


FIG. 11G

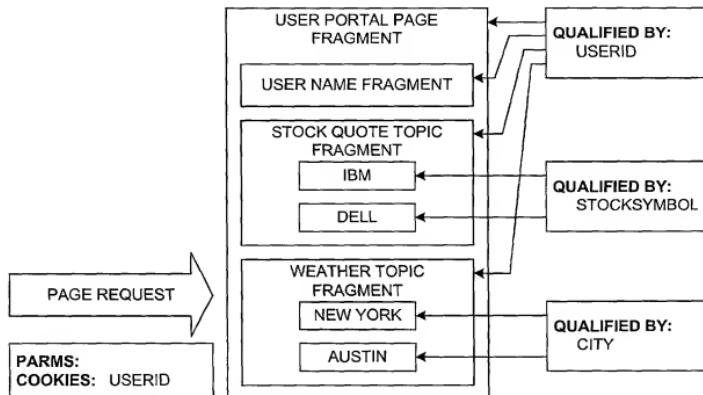


FIG. 11H